

EAST Search History

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|-----|---------|---|---|----|----|------------------|
| S6 | 16 | "779764" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/02 12:21 |
| S7 | 3 | "6507657" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/02 12:22 |
| S8 | 5 | ("5642427" "5657391" "5883962" "5912975" "6111958").PN. OR ("6507657").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/02 12:25 |
| S9 | 4 | "5838800" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/02 12:25 |
| S10 | 9875937 | (audio adj processing) same (high adj pass adj filter) same (cut adj off adj frequency) smme ("3" kHz) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 11:55 |
| S11 | 1 | (audio adj processing) same (high adj pass adj filter) same (cut adj off adj frequency) same ("3" kHz) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:02 |
| S12 | 104 | (audio adj processing) and (high adj pass adj filter) and (cut adj off adj frequency) and ("3" kHz) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 14:41 |
| S13 | 72 | ((381/100).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:03 |
| S14 | 311 | ((381/11-12).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:03 |
| S15 | 1086 | ((381/17-19).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:03 |
| S16 | 281 | ((381/309).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:03 |
| S17 | 1256 | ((381/1-2).ccls.) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:04 |

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|-----|----|---|--------------------------------------|----|----|------------------|
| S18 | 51 | S13 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:06 |
| S19 | 40 | S13 and (("381"/\$).ccls") and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:08 |
| S20 | 17 | S12 and (("381"/\$).ccls.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:27 |
| S21 | 4 | S12 and S17 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:30 |
| S22 | 0 | S12 and S14 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:30 |
| S23 | 0 | S12 and S15 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:30 |
| S24 | 0 | S12 and S16 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:30 |
| S25 | 4 | S12 and S17 and @ay<="2002" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 12:31 |
| S26 | 10 | ((high adj pass adj filter) or (HPF)) and (cut adj off adj frequency) and ((3kHz) or ("3" adj kilohertz)) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 14:42 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 53 | (high adj pass adj filter) or (HPF)) and (cut adj off adj frequency) and ((3kHz) or ("3" adj kilohertz)) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/04 14:42 |
| | | ((("6384120") or ("20030127625") or ("4276208") or ("6835765") or ("5936703") or ("4619704") or ("4769259") or ("4243603") or ("4251651") or ("4594182") or ("4325974") or ("4342863") or ("4343819") or ("4401779") or ("4610799") or ("4619833") or ("5185092") or ("5434207") or ("5708028") or ("5945224") or ("6271290") or ("6278008") or ("6339165") or ("6395812") or ("6403224") or ("6693150") or ("6927299") or ("20040024233") or ("20040197460") or ("4287107") or ("4315957") or ("4590142") or ("3852231") or ("4870118") or ("4888264") or ("4961800") or ("5204396") or ("5270055") or ("5783619") or ("5925697") or ("6147146") or ("6268029") or ("6328771") or ("6417294") or ("20060167153") or ("5813398") or ("4357434") or ("5714333") or ("4286969") or ("4289501"))).PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2006/12/04 11:51 |
| S2 | 7 | "6111958" | USPAT | OR | ON | 2006/12/02 11:28 |
| S3 | 9 | "6111958" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2006/12/02 11:28 |
| S4 | 23 | ("3236949" "4219696" "4748669" "4841572" "5046097" "5052685" "5121433" "5195140" "5235646" "5386082" "5412731" "5420929" "5436975" "5438623" "5521981" "5587936").PN. OR ("6111958").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/02 11:40 |
| S5 | 8 | "0779764" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/02 11:41 |